

2198

Diag. Cht. No. 1207-1

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey *Hydrographic*
Field No. _____ Office No. *2198*

LOCALITY

State *Mass.*
General locality *Gloicester*
Locality *Harbor*

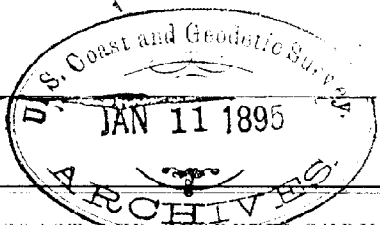
1894
~~194~~

CHIEF OF PARTY

W. V. F. Low

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DATE



U. S. COAST AND GEODETIC SURVEY.

General H. H. Ruffield, Superintendent.

State: *Massachusetts.*

DESCRIPTIVE REPORT.

Hydrographic Sheet No. 2198.

LOCALITY:

Gloucester Harbor.

1894

CHIEF OF PARTY:

Lieutenant H. F. Low, U. S. Navy

Write me at:

Navy Yard, Boston, Massachusetts.

Telegraph me at:

My Express Office is:

U. S. Coast and Geodetic Survey,

Schooner "Eagle"

Boston, Massachusetts

January 5th, 1895.

2-547

Lieutenant Commander,

Jeff F. Moser, U. S. Navy,

Hydrographic Inspector,

Coast Survey Office,

Washington, D. C.

Sir:

I beg leave to submit the following descriptive report to accompany that portion of H. S. No 5, as relates to Gloucester Harbor.

The marked changes that have been established in the re-survey are as follows.

Establishing the non-existence of the 17 foot spot given on Chart No. 334 as lying about $\frac{1}{4}$ of a mile S. S. W. of Round Rock Shoal buoy.

The existence of a eleven foot spot near buoy 6 A and of a fifteen foot spot 400 metres West of Dog Ear buoy. This latter however is now of no importance to navigators as the breakwater in process

of construction will close that channel.

On severe winters the inner harbor from Ten Pound Island freezes out.

S.W. winds prevail in summer. N.W. in winter. The heaviest gales are from the S.E.

The Massachusetts Humane Society - has life boats as follows.

Stage Head 1. Prince Cove 1 and Magnolia 1.

Seamen are sent to the Chelsea Marine Hospital.

Vessels from foreign or infected ports must anchor off Ten Pound Island and are there boarded by the Health Officer, who allows them to enter the inner harbor if there is no sickness on board. - Fee \$2.00

Water boats and tugs deliver fresh water alongside - Supplies and ship's stores can be obtained.

Anthracite and bituminous coal received alongside the dock.

There are machine shops for such repairs as the vessels sailing from this port require.

Weather and cautionary signals are shown from the Custom House. No time ball.

No branch hydrographic office. No station for reporting vessels; - No special signals.

There are 6 marine railways that take vessels of 300 tons or less. Depth over sill at mean high water 16 feet.

Custom House corner of Main and Pleasant streets.

Custom House Landing at Streets Wharf.

Vessels arriving from foreign ports are obliged to hoist their flag.

There are two pilots in Gloucester. They cruise outside when vessels are expected. Foreign vessels are obliged to take a pilot. Harbor regulations enclosed.

Tugs are found at the wharves in the inner harbor.

The harbor improvement in progress is construction of a breakwater at entrance to harbor, a report upon which has already been made.

I beg leave to inform the office that the Gloucester Harbor sheet is not submitted as finished work. Such work as has been done upon it was in the time that could be spared from the Salem work. I would particularly call the attention of the office to the fact that there has been no attempt made at development alongside the wharves. The whole wharf line has changed in recent years and since on account of the crowded condition of the shipping alongside

the wharves it was found impracticable to fix the position of the boat by signals it was deemed best to leave that work until the correct wharf line should be put in.

Respectfully submitted,
H. J. Low.
Lieutenant U. S. Navy, Commanding.

REGULATIONS

—OF THE—

Harbor of Gloucester.

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows :

SECTION 1. The mayor and aldermen of the city of Gloucester may annually appoint a harbor master for the harbor of said city, who shall hold said office for one year, and until his successor is appointed. Before entering on said office he shall give a bond to said city for the prompt and faithful discharge of his duties, in a penal sum of five hundred dollars, with sureties to the satisfaction of said mayor and aldermen. He may appoint a deputy whenever the mayor and aldermen deem it necessary, such appointment to be subject to their approval. He and his said deputy shall have the powers and duties, and shall enforce the regulations and penalties, set forth in the last twelve sections of chapter sixty-nine of the Public Statutes, and in this act, and in any other laws which are or may be in force applicable to said office and to said harbor. He shall be paid out of the treasury of said city such compensation as the city council shall from time to time determine.

SECT. 2. From Ten Pound Island to Five Pound Island, a sufficient passageway of not less than two hundred feet in width on the northerly side of said harbor, leaving Babson's Ledge Buoy on the port hand going in, and a passageway of not less than one hundred and fifty feet in width from any wharf in Upper Cove, Smith's Cove and Harbor Cove in said harbor, shall be at all times kept open for the passage of vessels; and no vessel shall be anchored or allowed to lie at anchor in said passageways, or in the track of the ferry boats running regularly in said harbor.

SECT. 3. At least one man shall at all times be kept on board each vessel at anchor in said harbor, and a clear and distinct light shall be kept suspended not less than six feet above the deck of every such vessel during the night.

SECT. 4. For each violation of the provisions of this act the owners or master of the vessel concerned, as well as the person or persons directly offending, shall be liable to a penalty of twenty dollars, to be recovered by complaint or indictment to the use of said city; and shall also be liable in an action of tort to any person suffering damage by reason of such violation.

SECT. 5. Chapter three hundred and sixty-five of the acts of the year eighteen hundred and fifty-three, entitled "An act relating to the Harbor of Gloucester," and chapter one hundred and forty-three of the acts of the year eighteen hundred and sixty-nine, being an act to amend said last-named act, are hereby repealed; but such repeal shall not effect the tenure of office of the present harbor master of said city, who shall have the same powers and duties as if appointed under this act.

SECT. 6. This act shall take effect upon its passage. [*Approved June 11, 1885.*]

JOHN M. ANDERSON, Harbor Master.

AN ACT IN RELATION TO HARBOR MASTERS.

Be it enacted, &c., as follows :

SECTION 1. A harbor master, for whose appointment there is no existing provision of law, may be appointed for any harbor in the Commonwealth by the mayor and aldermen of the city or by the selectmen of the town in which such harbor is situate, who shall fix the compensation of such harbor master, to be paid by said city or town. The harbor master so appointed shall continue in office until his successor is appointed.

SECT. 2. All vessels entering any harbor for which such harbor master is appointed shall be anchored according to his direction.

SECT. 3. Every vessel, before unloading lumber in the stream or channel of any harbor having a harbor master, shall obtain a permit from said harbor master, designating where such lumber may be rafted to avoid obstructing the channel or hindering the movements of other vessels.

SECT. 4. Every vessel lying in any harbor or at any wharf or pier in the same, shall, when directed by the harbor master thereof, cockbill the lower yards, brace the topsail yards fore and aft, and rig in the jib-boom.

SECT. 5. The harbor master of any harbor may cause to be moved any vessel lying in the same and not anchored according to his directions and not moving when directed by him so to do, and the expense thereof shall be paid by the master or owners of such vessel ; and in case of neglect or refusal to pay after the same shall have been demanded, said expense may be recovered of said master or owners by said harbor master to the use of the city or town in which said harbor is situated in an action of contract.

SECT. 6. No person shall throw or deposit in any harbor any stones, gravel, ballast, cinders, ashes, dirt, mud or other substance, which may in any way tend to injure the navigation thereof.

SECT. 7. No warp or line shall be passed across any channel or dock so as to obstruct vessels passing along the same.

SECT. 8. If any vessel occupying a berth at any wharf or pier, either with or without the consent of the wharfinger thereof, shall fail to vacate such berth upon notice from such wharfinger or his agent to the master or those having such vessel in charge for the time being, in a reasonable time, to be adjudged by the harbor master, the harbor master shall then cause such vessel to be moved to some other berth or anchored in the stream, and the expense thereof may be collected of the master or owners thereof, by the harbor master, to the use of the city or town in which said harbor is situate in an action of contract.

SECT. 9. Harbor masters shall have authority in their respective harbors to regulate and station all vessels in the stream or channel thereof, and to remove such as are not employed in receiving or discharging their cargoes, to make room for such others as require to be more immediately accommodated for the purpose of receiving or discharging their cargoes ; and as to the fact of their being fairly and actually employed in receiving or discharging their cargoes, the harbor master shall determine.

SECT. 10. Whoever shall refuse or neglect to obey the instructions of any harbor master lawfully given, or shall resist him in the execution of his duties, shall forfeit and pay a fine not exceeding fifty dollars.

SECT. 11. Harbor masters shall report to the harbor and land commissioners any violation of the sixth section of this act, or of any law relating to tide water in their respective harbors that shall come to their knowledge.

SECT. 12. Any person violating the provisions of this act, in addition to any fines imposed in accordance therewith, shall be liable in an action of tort to any person suffering damage by such violation.

SECT. 13. This act shall take effect upon its passage.

[Approved February 9, 1881.]

City of Gloucester.

Rules and Regulations
OF THE
HARBOR MASTER.

Shipmasters will please report any violations of the within rules and regulations at the office, SAWYER BLOCK.